

WORK STATUS REPORT

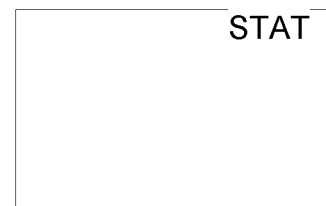
JS-516

Period: June 1 through June 30, 1967

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STAT

July 6, 1967

A rectangular box with a thin black border, containing the word 'STAT' in the top right corner.

STAT

## INTRODUCTION

This progress report covers the period from 1 June through 30 June 1967. Two areas of effort are included, i.e., Modification of Richards viewer and low gamma reversal process. No effort was expended on either Noah's Ark or color support during this period.

The effort under this contract was terminated on June 30, 1967.

## I. MODIFICATION OF RICHARDS VIEWER

### PROGRESS DURING PERIOD

The modification of the Richards viewer was completed and the results were shown to the customer on 16 June. The modified viewer was shipped to the customer the last week in June.

A final report covering this effort has been written and will be forwarded to the customer early in July.

## II. LOW GAMMA REVERSAL PROCESS

### PROGRESS DURING PERIOD

The search for a chemical fogging agent continued. Sensitometric studies indicated that sodium arsenite possesses very poor fogging properties, contrary to information available in the literature. Another series of tests of tert-butylamine borane (TBAB) as a foggant has yielded preliminary results indicating that TBAB is a very powerful foggant that may be incorporated in either the clearing bath or in the reversal developer.

### WORK PLANNED FOR NEXT PERIOD

Upon receipt of a new contract this effort will be continued in the area of test and evaluation of TBAB as a chemical foggant and its inclusion in the processing cycle. A second task that will be pursued is an evaluation of the process cycle from the stand-points of the time and temperature required to produce gamma products of 1.0 and 2.0 in addition to a value of 0.5.

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